

Lead Safety: Keep the Lead Out

Audience: For all workers who are exposed to lead on the job

Average Training Time: 30 to 45 minutes

US Code of Federal Regulation Reference: Title 29, Part 1910, Section 1025 and Part 1926, Section 62

Format / Product Code: CD-ROM (MPEG Video)/ *STLEDMPG* Low Bitrate Version/*STLEDLBR*

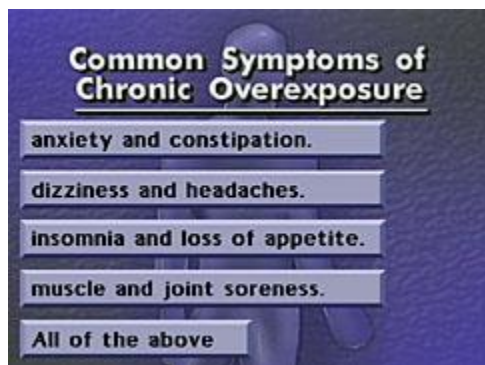
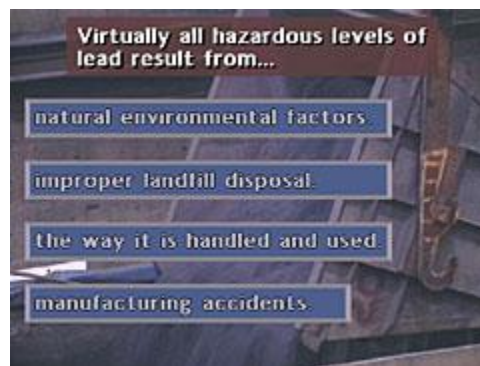
Mastery interactive version based on original video content produced by: Summit Training Source, Inc.

OVERVIEW

“Lead Safety: Keep the Lead Out” is an excellent program for maintenance, utility, construction, manufacturing, chemical's and petroleum workers who are exposed to lead on the job.

This cross-industry program will motivate your workers to follow safe work practices and eliminate the potential of overexposure.

After completing over thirty participation activities, your workers will be able to prove they know important concepts related to lead safety.



TOPICS

The course presents interactive instruction covering the following topical areas:

How Exposure Occurs

- What is Lead?
- How Lead Enters the Body
- How Lead Exposure Occurs

Health Hazards

- Common Symptoms
- Blood Lead Level
- Medical Surveillance

Preventing Exposure

- Protecting Your Health
- Respirators
- Protective Clothing

Safe Work Practices

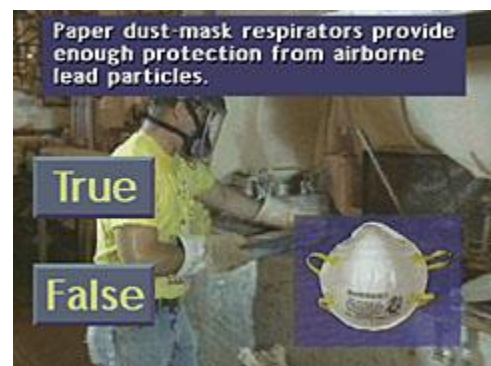
- Entering the Work Area
- In the Work Area
- Leaving the Work Area
- Removing Personal Protective Equipment

PERFORMANCE OBJECTIVES

This course will measure mastery on each of the following performance objectives. Upon completion, workers will be able to...

Describe important safety aspects of lead

1. Identify the major source of occupational exposure.
2. Explain how lead can enter your body.
3. Explain the effects of lead once inside your body.
4. Recall the likeliness of occupational overexposure to occur over a long period of time.



Recognize the potential health hazards of lead

1. List serious health problems caused by over exposure to lead.
2. Differentiate blood lead level from other measurements as the most useful indicator of the amount of lead absorbed in the body.
3. Identify the maximum amount of blood lead levels in exposed workers.
4. Explain procedures to follow if exposure to lead could exceed the established action level.
5. Select activities included in medical surveillance.

Prevent over-exposure to lead

1. Choose activities not allowed in lead work areas.
2. Identify the most important piece of protective equipment used when working with lead.
3. Name the types of respirators used in lead work areas.
4. Explain how the type of respirator is determined.
5. List all protective clothing needed when a potential exposure to lead above permissible exposure limit exists.

Use safe work practices when working with lead

1. Agree to change into protective work clothes in the designated area.
2. Identify work practices to minimize lead particles becoming airborne.
3. Recall procedures to follow before leaving a lead work area.
4. Explain procedures for removal of protective clothing and equipment

